

Labycare-WALL MOUNT AIR SEED SEPARATOR (SKSS-SLE2051)



Wall Mount Air Seed Separator Manufacturer by LABYCARE

Description :

The Air Seed Separator is designed to remove less viable, immature, or underweight seeds from healthy seeds using a vacuum-based separation method, thereby improving the overall seed lot quality and germination rate.

1. Vibratory Feeder

The vibratory feeder regulates the seed feeding rate through electromagnetic vibrations. The feeder control knob is located on the control panel, along with a feeding layer control shutter to fine-tune the flow.

Operators can also adjust the column shutter for airflow control. It is recommended to note the settings during each run for future reference when processing the same commodity.

2. Vacuum Control

The vacuum control adjusts suction pressure based on the type of seed being processed. Vacuum strength is proportional to fan speed—higher speed generates more vacuum.

Vacuum regulation is managed via a VFD (Variable Frequency Drive) located on the panel, which adjusts the frequency of the fan motor to control its speed and thus the vacuum pressure. The VFD reading should be recorded for repeatability when running the same commodity in the future.

Specifications :	Capacity	25–30 kg/hour (varies by seed type and density)
	Application	Separation of light impurities from vegetable seeds, flo small grains
	Mounting Type	Wall-mounted (space-saving vertical design)
	Air Control	Digital electronic drive for precise airflow adjustment
	Separation Method	Air aspiration/vacuum separation
	Vacuum Adjustment	VFD (Variable Frequency Drive) controlled fan
	Feed System	Electromagnetic vibratory feeder
	Visibility	Transparent acrylic seed flow column for monitoring
	Material	Powder-coated steel frame with acrylic sheets column.
	Power Requirement	230V AC, 50 Hz, single phase
	Weight (Approx.)	35–40 kg approx.

labycare

www.labycare.com | Email: labycare@gmail.com